

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S207	165	(ultrasonic adj blade)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 11:21
S208	41751	anvil	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 11:17
S209	11	S207 and S208	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 11:17
S210	0	("2005/0235795").URPN.	USPAT	AND	ON	2007/01/09 11:19
S211	735	(ultrasonic adj cutting)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 11:21
S212	120	S208 and S211	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 11:21
S213	19407	anvil	USPAT	AND	ON	2007/02/05 16:15
S214	641	anvil.ti.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:15
S215	4975	ultra adj sonic	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:17
S216	0	S214 and S215	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:15
S217	2428	ultra adj sound	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:17
S218	5	(ultra adj sound) with (blade or cutter)	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:17
S219	31	S215 with (blade or cutter)	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:18
S220	4	("2330566"   "5697739"   "6825630").PN. OR ("6976813").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 16:19

## EAST Search History

S22 1	70	(US-20050235795-\$ or US-20060096434-\$ or US-20040079208-\$ or US-20050081692-\$ or US-20060016615-\$ or US-20040194878-\$ or US-20030010168-\$ or US-20030003207-\$).did. or (US-5688351-\$ or US-4391168-\$ or US-6074504-\$ or US-6196087-\$ or US-3563285-\$ or US-3561310-\$ or US-3645304-\$ or US-6070509-\$ or US-5195410-\$ or US-3246551-\$ or US-4516451-\$ or US-3934526-\$ or US-3999453-\$ or US-5061331-\$ or US-5265508-\$ or US-5368464-\$ or US-5785806-\$ or US-6637490-\$ or US-6749102-\$ or US-4227959-\$ or US-5944924-\$ or US-4133711-\$ or US-4208238-\$ or US-3683736-\$ or US-5979531-\$ or US-5480508-\$). did. or (US-6571849-\$ or US-5064130-\$ or US-6080263-\$ or US-5482589-\$ or US-4867834-\$ or US-4328062-\$ or US-6720058-\$ or US-4925515-\$ or US-4450881-\$ or US-4210043-\$ or US-6971297-\$ or US-6431042-\$ or US-5146825-\$ or US-6048353-\$ or US-5183523-\$ or US-6036802-\$ or US-6578404-\$ or US-4438698-\$ or US-5956191-\$ or US-3637242-\$ or US-6893528-\$ or US-5072640-\$ or US-3768619-\$ or US-4231246-\$ or US-5799714-\$ or US-4886156-\$ or US-4525196-\$). did. or (US-4662028-\$ or US-6976813-\$ or US-6825630-\$). did. or (US-3679526-\$).did. or (JP-2001334494-\$ or JP-04336996-\$ or JP-2002172589-\$).did. or (JP-2002172589-\$ or JP-2002018787-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 08:51
S22 2	11	S221 and nylon	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 08:53
S22 3	5	"5,072,640"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:01

## EAST Search History

S22 4	1	(ultrasonic adj blade) same (curved with tip)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:10
S22 5	1	11/411731	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:05
S22 6	40	(ultra adj sonic) with blade	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:10
S22 7	88	(ultra adj sonic) with cutting	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:48
S22 8	81	S227 not S226	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:08
S22 9	5421	(ultrasonic) with cutting	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:10
S23 0	2791	(ultrasonic) with blade	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:40
S23 1	1	(ultrasonic adj blade) same (curved with tip)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:10
S23 2	162	S230 and anvil	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:10
S23 3	143	S230 and (complement or complementary)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:12

## EAST Search History

S23 4	281	S229 and (complement or complementary)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:12
S23 5	53	S234 and anvil	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:16
S23 6	1	("5,228,372").PN.	USPAT; USOCR	OR	OFF	2007/02/12 09:16
S23 7	32	("2813377"   "3031804"   "3416398"   "3471724").PN. OR ("5228372").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:39
S23 8	1	"20040079208"	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:39
S23 9	104	S230 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:40
S24 0	0	("2006/0096434").URPN.	USPAT	AND	ON	2007/02/12 09:44
S24 1	15	("3817141" "5226343" "5243886" "5437215" "5752423" "5768970" "5785806" "5819615" "5862728" "5944924" "6058823" "6098514" "6196095" "6403138" "6684748").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:44
S24 2	88	(ultrasonic) with slitter	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/02/12 09:48

## EAST Search History

S24 3	151	( "20020119225"   "20030003207"   "2145941"   "3029751"   "3031804"   "3044510"   "3114643"   "3199437"   "3407077"   "3416398"   "3434906"   "3505136"   "3615712"   "3636859"   "3819089"   "3829007"   "3830944"   "3873735"   "3895118"   "3961089"   "3971838"   "4017237"   "4055109"   "4097327"   "4115489"   "4163768"   "4216639"   "4290521"   "4358466"   "4361235"   "4373982"   "4394395"   "4421773"   "4453370"   "4500280"   "4514426"   "4517790"   "4521467"   "4534726"   "4534818"   "4574566"   "4601157"   "4605123"   "4608261"   "4616470"   "4631901"   "4651870"   "4652456"   "4663915"   "4663917"   "4685602"   "4693056"   "4735753"   "4751916"   "4759170"   "4759249"   "4774797"   "4784591"   "4787755"   "4796300"   "4810109"   "4849233"   "4864802"   "4865680"   "4879124"   "4890439"   "4909870"   "4923701"   "4937410"   "4950859"   "4972995"   "5044777"   "5058364"   "5061331"   "5067302"   "5104674"   "5161350"   "5181365"   "5202064"   "5222813"   "5226343"   "5228372"   "5230761"   "5257510"   "5280844"   "5342634"   "5366741"   "5391387"   "5419437"   "5435712"   "5437215"   "5519982"   "5525363"   "5552165"   "5582853"   "5645681"   "5667824"   "5689942"   "5694745"   "5706635"   "5733587"   "5752423"   "5819615"   "5827559"   "5846584"   "5861185"   "5863585"   "5871783"   "5871793"   "5914142"   "5928695"   "6032561"   "6068868"   "6070509"   "6143336"   "6210728"   "6231330"   "6231913"   "6318248"   "6357914"   "6361609"   "6368647"   "6403132"   "6403138").PN. OR ("6431849"   "6477820"   "6517879"   "6554931"   "6574944"   "D055542"   "D117043"   "D212542"   "D254936"   "D296377"   "D422774"   "RE26543").PN. OR ("7141259").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:55
----------	-----	---	------------------------------	-----	----	------------------

## EAST Search History

S24 4	366	83/578.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:59
S24 5	14	S244 and anvil	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:59
S24 6	995	83/614.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:59
S24 7	34	S246 and anvil	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 09:59
S24 8	0	("2004/0079208").URPN.	USPAT	AND	ON	2007/02/12 10:00
S24 9	17	("1580132 "1799615 "2281877 "2680484 "3788179 "3871253 "4060017 "4192494 "4391168 "4624169 "4747895 "4962797 "5064130 "5121664 "5361469 "5879494 "6363823 "0000Re." "0000Re.").PN.	USPAT	AND	ON	2007/02/12 10:00
S25 0	21	("1580132 "1799615 "2281877 "2680484 "3788179 "3871253 "4060017 "4192494 "4391168 "4624169 "4747895 "4962797 "5064130 "5121664 "5361469 "5879494 "6363823 "0000Re." "0000Re.").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:04
S25 1	883	(ultrasonic with cutter )	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:04
S25 2	5	(ultrasonic with cutter ).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:07
S25 3	62	(ultrasonic with blade ).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:10
S25 4	10855	(ultrasonic).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:10
S25 5	60	"83"/\$.ccls. and S254	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:10
S25 6	18	S255 and anvil	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:10

## EAST Search History

S25 7	18	("3246551"   "4516451"   "4567797"   "4611517"   "4623420"   "4711693"   "4781094"   "4792372"   "4858505"   "4922774"   "4979411"   "5007315").PN. OR ("5265508").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:19
S25 8	964	156/580.1-580.2,73.3.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:19
S25 9	479	S258 and anvil	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:19
S26 0	56	S258 and (anvil with groove)	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:24
S26 1	19	S260 and blade	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:25
S26 2	1	("6183071").PN.	USPAT; USOCR	OR	OFF	2007/02/12 10:25
S26 3	0	("2004/0079208").URPN.	USPAT	AND	ON	2007/02/12 10:34
S26 4	0	10/280943	USPAT	AND	ON	2007/02/12 10:41
S26 5	6	"5265508"	USPAT	AND	ON	2007/02/12 10:54
S26 6	17	("20040079208" "20050081692" "36 45304" "3683736" "4133711" "4208 238" "4867834" "5072640" "526550 8" "5368464" "5480508" "5688351"  "5944924" "6048353" "6637490" " 6720058" "6749102").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 10:54
S26 7	62	(ultrasonic with blade with tips)	USPAT	AND	ON	2007/02/12 11:06
S26 8	7	(ultrasonic with blade with tips) same (square or curved or round )	USPAT	AND	ON	2007/02/12 11:08
S26 9	11	"83"/\$.ccls. and S267	USPAT	AND	ON	2007/02/12 11:09
S27 0	139	(ultrasonic with blade ) same shape	USPAT	AND	ON	2007/02/12 11:11
S27 1	13	"83"/\$.ccls. and S270	USPAT	AND	ON	2007/02/12 11:12
S27 2	77	(ultrasonic with blade ) same shape	US-PGPUB	AND	ON	2007/02/12 11:11
S27 3	0	"83"/\$.ccls. and S272	USPAT	AND	ON	2007/02/12 11:12

## EAST Search History

S27 4	6	"83"/\$.ccIs. and S272	US-PGPUB; USPAT	AND	ON	2007/02/12 11:28
S27 5	9	"5265508"	US-PGPUB; USPAT	AND	ON	2007/02/12 11:28
S27 6	13	("3246551"   "4516451"   "4567797"   "4611517"   "4623420"   "4711693"   "4781094"   "4792372"   "4858505"   "4922774"   "4979411"   "5007315").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 11:31
S27 7	5	("5265508").URPN.	USPAT	AND	ON	2007/02/12 11:31
S27 8	0	("6510773").URPN.	USPAT	AND	ON	2007/02/12 11:32
S27 9	23	("0833572"   "1582052"   "3732767"   "3817141"   "4010664"   "4210042"   "4406201"   "4409872"   "4516451"   "4567797"   "4607558"   "4613087"   "4785698"   "4823713"   "4922774"   "5265508"   "5317943"   "5613414"   "5638732"   "5707461"   "5707470").PN. OR ("6510773"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 11:33

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"5265508"	USPAT	AND	ON	2007/02/12 13:49
L2	161	83/547.ccls.	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:51
L3	2	2 and ultrasonic	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:51
L4	0	2 and (ultra adj sonic)	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:50
L5	67	83/83.ccls.	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:52
L6	0	5 and ultrasonic	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:51
L7	166	ultrasonic adj blade	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:28
L8	20	"83"/\$.ccls. and 7	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 13:52
L9	0	("2005/0235795").URPN.	USPAT	AND	ON	2007/02/12 13:54
L10	252	83/561-562.ccls.	USPAT	AND	ON	2007/02/12 13:54
L11	423	83/561-562.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/12 13:54
L12	1	11 and ultrasonic	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/12 13:54
L13	15	("1557345"   "2935778"   "3657952"   "4186632"   "4218810"   "4581965"   "4653362"   "4793033"   "5285558"   "5388488"   "5450333"   "5979278"   "6164178").PN. OR ("6430787"). URPN.	US_PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:00

## EAST Search History

L14	1812	ultrasonic with blade	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:05
L15	92	"83"/\$.ccls. and 14	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:05
L16	61	"30"/\$.ccls. and 14	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:05
L17	145	15 or 16	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:05
L18	0	("2002/0181919").URPN.	USPAT	AND	ON	2007/02/12 14:16
L19	0	"20030113087"	USPAT	AND	ON	2007/02/12 14:17
L20	1	"20030113087"	US-PGPUB; USPAT	AND	ON	2007/02/12 14:17
L21	1	"20030077062"	US-PGPUB; USPAT	AND	ON	2007/02/12 14:17
L22	36	ultrasonic adj slitter	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:29
L23	361	ultrasonic adj cutter	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:38
L24	10	"5480508"	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/12 14:38